

| Set | Items | Description |
|-----|---------|---|
| S1 | 442168 | TC OR TECHNETIUM OR RE OR RHENIUM |
| S2 | 175906 | CYSTEIN? OR CYS |
| S3 | 2948 | S1 AND S2 |
| S4 | 1125710 | PEPTIDE?? OR POLYPEPTIDE?? |
| S5 | 435 | S3 AND S4 |
| S6 | 400623 | LINEAR |
| S7 | 16 | S5 AND S6 |
| S8 | 9 | S7 NOT (PY=2004 OR PY=2003 OR PY=2002 OR PY=2001 OR PC=US - OR PC=EP OR PC=WO) |
| S9 | 8 | RD S8 (unique items) |
| S10 | 126429 | MELANOTROP? OR MELANOCYT? OR MSH OR ACTH OR ADRENOCORTICOT- ROP? |
| S11 | 27 | S3 AND S10 |
| S12 | 24 | S11 NOT S8 |
| S13 | 17 | S12 NOT (PY=2004 OR PY=2003 OR PY=2002 OR PY=2001 OR PC=US OR PC=EP OR PC=WO) |
| S14 | 14 | RD S13 (unique items) |
| ? | | |

B 155,5,399

Checked S9-S14

JSL
12-27-2007

| Set | Items | Description |
|-----|---------|--|
| S1 | 104409 | MELANOTROP? OR MELANOCORT? OR MSH OR ACTH OR ADRENOCORTICO-TROP? |
| S2 | 442168 | TC OR TECHNETIUM OR RE OR RHENIUM |
| S3 | 621 | S1 AND S2 |
| S4 | 1512594 | LINEAR OR PEPTIDE?? OR POLYPEPTIDE?? |
| S5 | 142 | S3 AND S4 |
| S6 | 98 | S5 NOT (PY=2004 OR PY=2003 OR PY=2002 OR PY=2001 OR PC=US - OR PC=EP OR PC=WO) |
| S7 | 78 | RD S6 (unique items) |
| ? | | |

B 155, 5, 399

checked S7

JL
12-27-2004

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------------|------------------|---------|------------------|
| L1 | 1698 | (melano\$ or msh or acth or adrenocorticotrop\$) with (tc or re or technetium or rhenium) | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:54 |
| L2 | 112 | (melano\$ or msh or acth or adrenocorticotrop\$) with (tc or technetium or rhenium) | US-PGPUB; USPAT | OR | ON | 2004/12/27 10:16 |
| L3 | 11 | ((melanocort\$ or melanotrop\$ or msh or acth or adrenocorticotrop\$) with (re) and rhenium) | US-PGPUB; USPAT | OR | ON | 2004/12/27 10:16 |
| L4 | 2 | (melanocort\$ or melanotrop\$ or msh or acth or adrenocorticotrop\$) and rhenium | EPO; JPO; DERWENT | OR | ON | 2004/12/27 10:16 |
| L5 | 3 | (melanocort\$ or melanotrop\$ or msh or acth or adrenocorticotrop\$) and (tc or technetium) | EPO; JPO; DERWENT | OR | ON | 2004/12/27 10:17 |
| L6 | 4 | I4 or I5 | EPO; JPO; DERWENT | OR | ON | 2004/12/27 10:17 |

Checked L2, L3, L6

JR
12-27-2004

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1 | 27 | ((melano\$ or msh or acth or adrenocorticotrop\$) with (receptor or ligand or target\$)) same (chelat\$ or radiolabel\$ or metal) and @pd>"20040614" | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:11 |
| L2 | 14 | (melanotrop\$ or melanocort\$ or msh or acth or adrenocorticotrop\$) with (chelat\$ or radiolabel\$ or metal or radiometal\$) and @pd>"20040614" | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:15 |
| L3 | 50 | (((melanotrop\$ or melanocort\$ or msh or acth or adrenocorticotrop\$) same (chelat\$ or radiolabel\$ or metal or radiometal\$ or complex\$ or metallocptide)) or (((melanotrop\$ or melanocort\$ or msh or acth or adrenocorticotrop\$) and (chelat\$ or radiolabel\$ or metal or radiometal\$ or complex\$ or metallocptide)).clm.) and ((514/6,16-18; 530/312,328-331, 345; 424/1-41,1-69).ccls.)) | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:22 |
| L4 | 1 | I3 and @pd>"20040614" | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:24 |
| L5 | 12 | (tyr or phe or trp or nal) adj (lys! or his! or arg or orn or dpr or dbu) adj (cys! or hcys! or pen) and ((514/13-18; 530/325-331).ccls.) and @pd>"20040614" | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:28 |
| L6 | 0 | (tyr or phe or trp or nal) adj (lys! or his! or arg or orn or dpr or dbu) adj (cys! or hcys! or pen) adj (tyr or phe or trp or nal) and ((514/13-18; 530/325-331).ccls.) and @pd>"20040614" | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:29 |
| L7 | 18 | (tyr or phe or trp or nal) adj (lys! or his! or arg or orn or dpr or dbu) adj (cys! or hcys! or pen) adj (tyr or phe or trp or nal) and ((514/2-21).ccls. or "530"/\$.ccls.) and @pd>"20040614" | US-PGPUB; USPAT | OR | ON | 2004/12/27 09:30 |

checked L1, L2, L4, L5, L7

JRC
12-27-2004